User Manual

WooW! Freedom

Wi-Fi 1080p Action Camera

WF1030-01

Check The package..... ☑ 2

Know the camera 4

Wi-Fi Mode 9

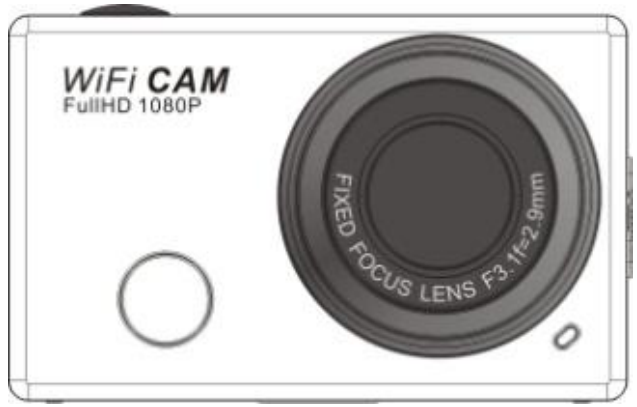
Shooting Video & Photo 12

Viewing Recorded Videos and Photos 16

Other Information ..... ⓘ 20

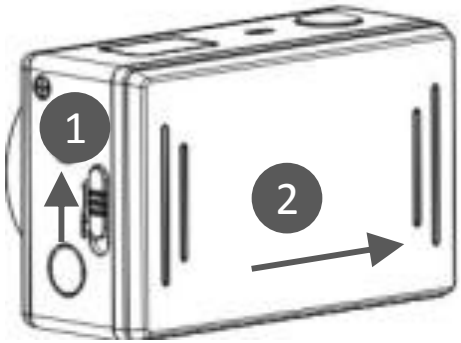
Thanks for purchasing WooW! Action camera! You are about to capture your stunning moments

- ☑ WooW! Action camera
- ☑ Waterproof case
- ☑ Handlebar mount
- ☑ Vented helmet strap mount
- ☑ USB charging cable



Charge The Camera

- Make sure battery is in the camera
- Turn **OFF** the camera
- Charge the camera by plugging USB cable to camera and PC or any phone charger with USB port
- When charging, the LED will light up in Blue

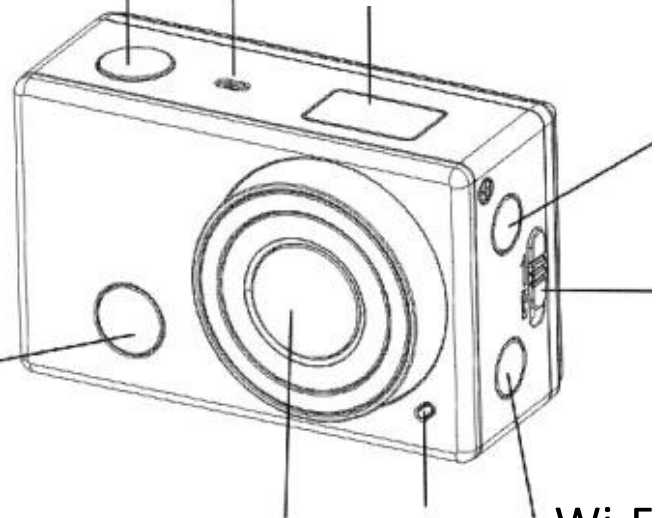


1. Push up the battery cover lever
2. Slide the battery cover to right

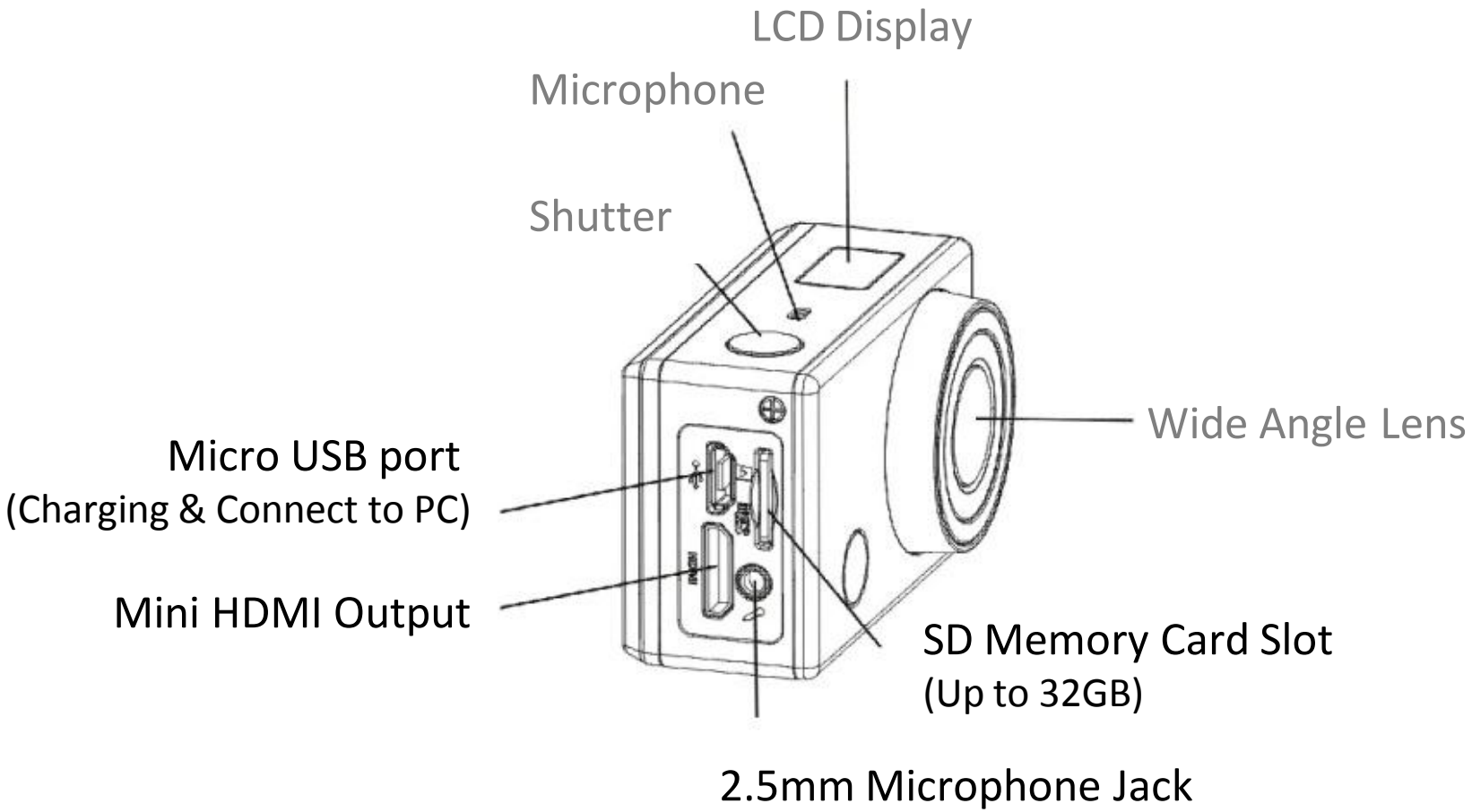
* Make sure camera is turned off before opening battery cover

LED in Blue when Charging

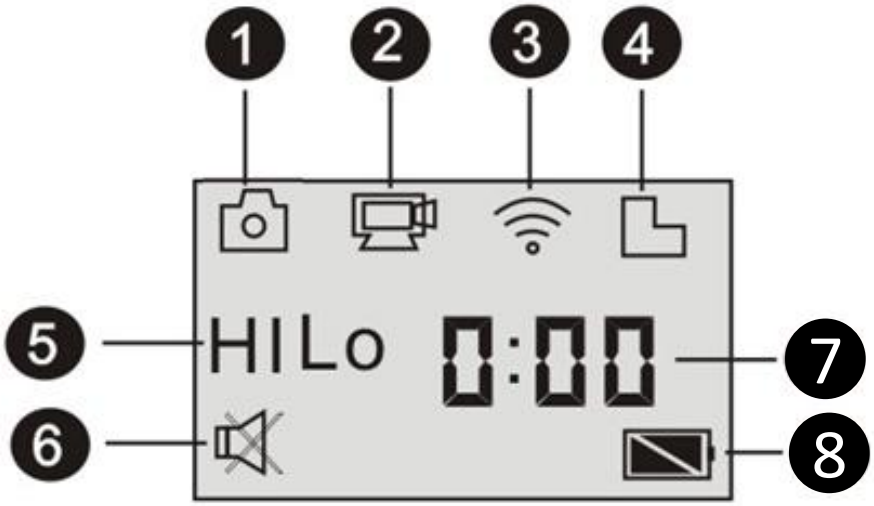
Front Right View



Front Left View



LCD Display

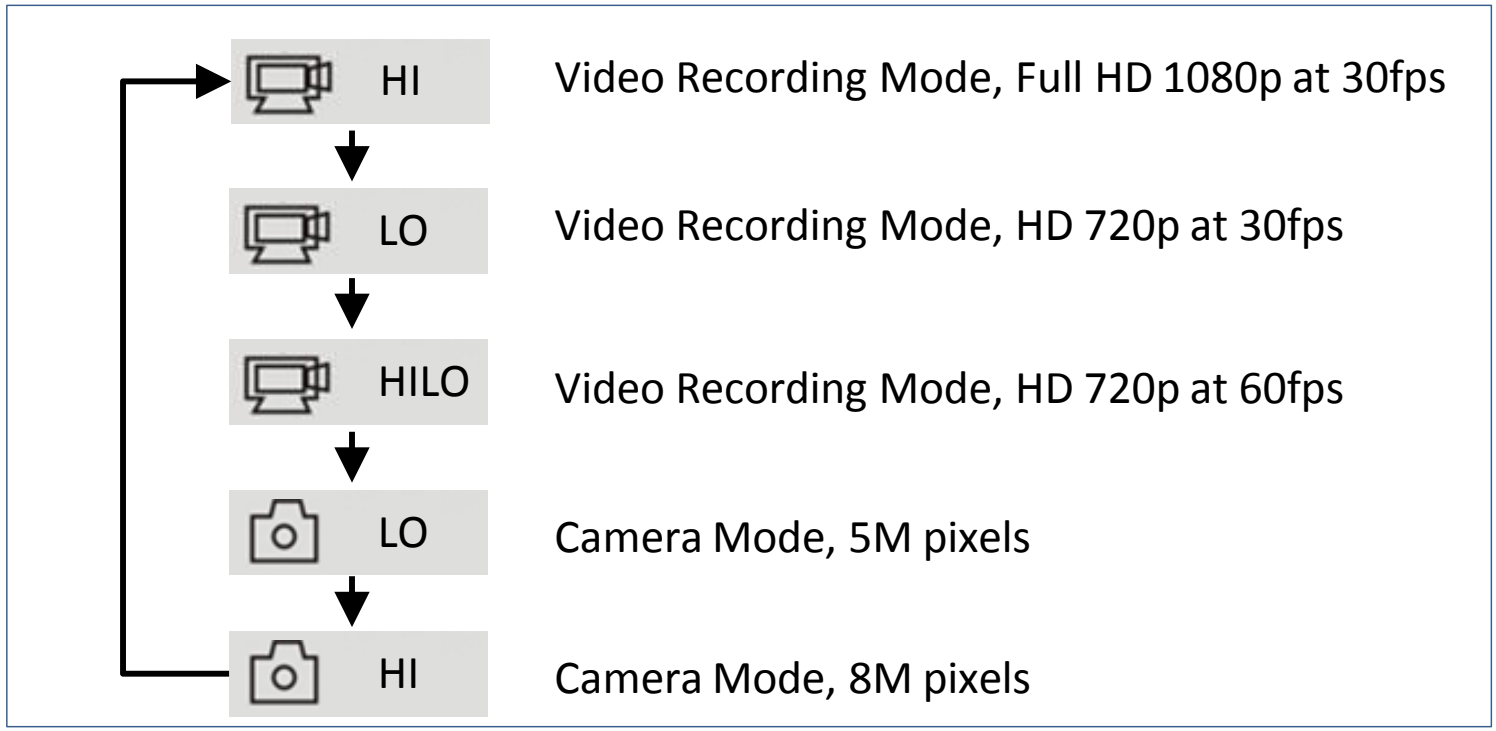


1. Camera Mode
2. Video Recording Mode
3. Wi-Fi On
4. SD Memory Card Inserted
5. Resolution Icon
6. Mute Icon
7. Timer and Counter *
8. Battery Level Icon

* **In camera mode**, it displays the remained number of photos could be taken
In video recording mode, it displays the remained recording time (H:MM). During recoding, it displays the recorded time of the video clip

Selecting Camera/Video Recording Mode

- **Press the hold** (~3 seconds) to turn on/off the camera
- **Click** the button to select between the modes and resolutions



FPS means frame per second

Shooting Photo And Video

- In **Video Recording Mode**, click to start or stop recording
- In **Camera Mode**, click to take photo
- Press and hold to mute the buzzer. Icon will be shown on LCD

Wi-Fi Mode

Wi-Fi Mode allows the camera to connect with user's iPhone / iPad / Android devices

- Click the button to activate camera Wi-Fi Mode
- Icon will be shown on LCD
- See Wi-Fi section of the user manual for setup details

Functions In Wi-Fi Mode

While connected with Wi-Fi devices*, user can perform below functions

- Live feed viewfinder
- Shoot video and photo
- Advanced camera setup (continuous shooting, time-lapse mode, white balance, format memory card)
- View and download videos & photos from camera

* Supported Wi-Fi Devices:

- iPhones
- iPads
- Android Phones
- Android Tablets

Connect Camera Via Wi-Fi

- On your device, Search **SYMAGIX** on **App Store** (Apple devices) or **Google Play** (Android devices)
- Install **SYMAGIX**

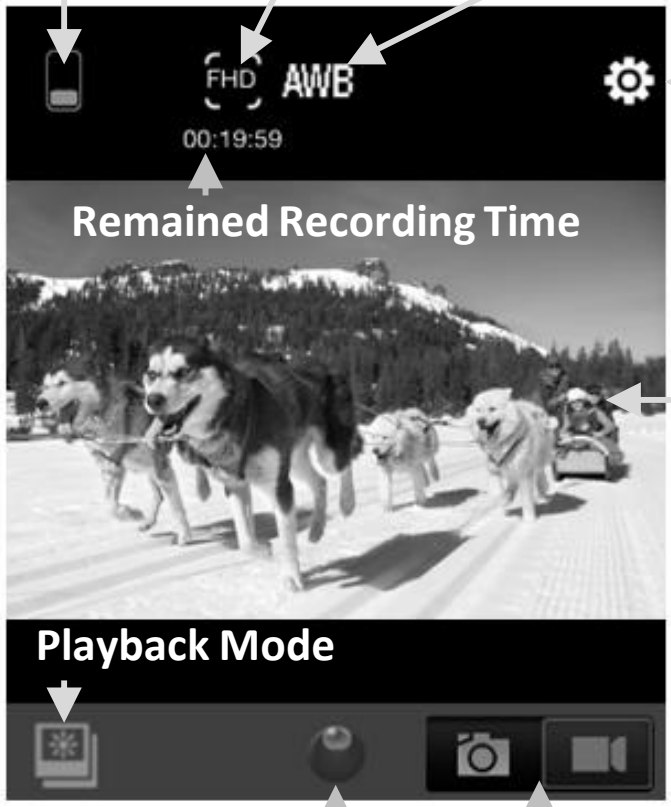
Available on the App Store

ANDROID APP ON Google play

- Click the **Wi-Fi** button to activate camera Wi-Fi Mode
- The Button will flash when waiting to connect, and stay on when connected with devices
- icon will be shown on LCD

- On device Wi-Fi Network setting, choose "**WOOW-F1030**" SSID
- Enter password ***1234567890*** and connect
- After connected, open **SYMAGIC** app

SYMAGIX App



Setting Menu

Done	Setting
Continuous Shooting	Off >
Timelapse Interval	OFF >
Timelapse Duration	OFF >
White Balance	Auto >
Frequency	50Hz >
Format Camera	
About	>

Insert SD Memory Card

- Turn off the camera before inserting memory card
- Use Micro-SD or Micro-SDHC card (at least Class 4)
- For best results Class 10 memory card is recommended

Mount The Camera Onto Gear

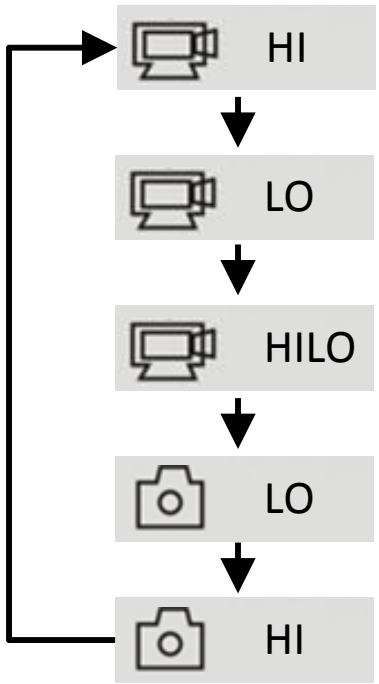
- It is recommended to always put camera into waterproof case before mounting to included helmet strap or handlebar mount
- For better sound recording quality and slow speed non-water sport activities, you may mount the camera directly through the ¼” tripod hole
- You can check our website for more mounting gears

www.woowcam.com

*The camera is waterproof **ONLY** when securely enclosed in waterproof case*

Selecting Camera/Video Recording Mode

- **Press the hold** (~3 seconds) to turn on/off the camera
- **Click** the button to select between the modes and resolutions



Video Recording Mode, Full HD 1080p at 30fps

Video Recording Mode, HD 720p at 30fps

Video Recording Mode, HD 720p at 60fps

Camera Mode, 5M pixels

Camera Mode, 8M pixels

FPS means frame per second

Shooting Video & Photo

- Click the **shutter** button to take photo or start/stop recording video
- The LED at front will flash in red

Shooting Video & Photo In Wi-Fi Mode

- Click **Wi-Fi** button on camera
- Open **SYMAGIX** apps on your Wi-Fi Device
  (refer to Wi-Fi Section for setup details)
- Use your Wi-Fi Device as viewfinder, change setting or start/stop recording
- You could turn off the Wi-Fi Mode anytime during recording

When Wi-Fi Mode is ON, you can **ONLY** start recording with Wi-Fi device.
However, you can stop recording by clicking shutter button on camera

Viewing in Wi-Fi Mode

- Click the **Wi-Fi** button on camera
- Open **SYMAGIX** apps on your Wi-Fi Device

(refer to Wi-Fi Section for setup details)

- Click icon on the lower left corner to download and view recorded videos and photos

Viewing In PC

- Turn **ON** the camera and connect to PC via the included USB cable
- When PC detect the camera. Camera display will show "**PCU**" *(stand for PC USB)*
- There will be **2** USB drives shown in PC. First drive stores the recorded videos and photos. Second drive stores camera system info

  (including SSID_PW.CFG which containing AP ID and password)

Wide Angle PC Webcam

- While in "**PCU**" mode, You could change to "**PCC**" mode (PC Camera) by click the **Shutter** button

Viewing On HDTV

- Before connecting to HDTV, stop recording and turn off Wi-Fi Mode
- Connect camera and HDTV with a **Mini-HDMI/HDMI cable** (not included)
- After connected, it enters **TV Playback Mode**

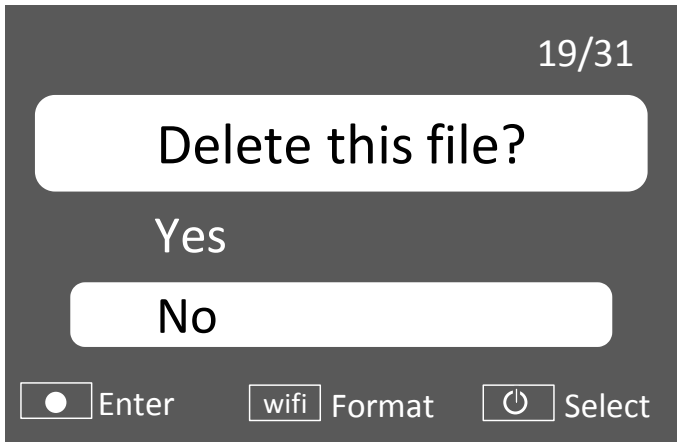
- Click **ON/OFF** button to switch between videos and photos

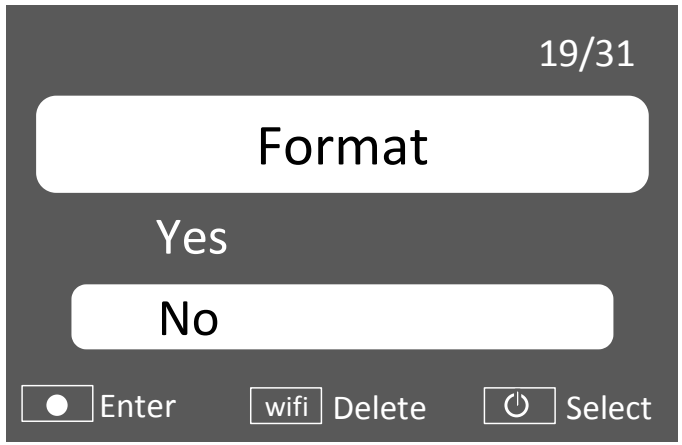
- Click **Wi-Fi** button to select the file

- Click **Shutter** button to play/stop the file

Deleting Files In TV Playback Mode

- While in **TV Playback Mode**, Press and hold **Shutter** button to enter delete/format menu





- Click **ON/OFF** button to switch between options
- Click **Wi-Fi** button to select between delete and format
- Click **Shutter** button confirm and exit

Key Specifications

Video Format / Resolution	H.264 (.Mov), 1080p 30 Fps, 720p 60 Fps
Max Still Image Resolution	8M Pixels
Wireless	Wi-Fi, AP
Lens Angle (Field Of View)	120 Degree
Battery Capacity	Li, 1000 mAh, Removeable
Operating Time	110 Mins (Wi-Fi Off)
Time Lapse Mode	Yes
AV Output	Mini HDMI
Memory Size (Storage)	Micro SD Up To 32GB (Not Included)
PC Connectivity	USB
External Mic Input	2.5mm Audio Jack
Supported Wi-fi Devices	iOS, Android App
Approx. Recording Time	Approx. 160 Mins Video On 32GB Memory At 1080p 30fps
Waterproof Depth	Max 66 Ft With Waterproof Case

Video Recording Tips

HI

Video Recording Mode, Full HD 1080p at 30fps

Best for lower speed sport, e.g. cycling, with best resolution

LO

Video Recording Mode, HD 720p at 30fps

Best for activities that would need long recording time

HILO

Video Recording Mode, HD 720p at 60fps

Best for fast speed sport, e.g. racing, with best details

Determine FPS Setting

You could decide the video FPS setting by referencing to below table which shows the distance (feet) between 2 frames in various speed and FPS settings

Speed (miles/hr)	Video FPS Setting	Distance (ft) between 2 frames
60	30	2.9
50	30	2.4
40	30	2.0
30	30	1.5
20	30	1.0
60	60	1.5
50	60	1.2
40	60	1.0
30	60	0.7
20	60	0.5

Troubleshooting

Can’t turn on camera	Make sure battery is inside and charge the camera and is charged. Press and Hold the ON/OFF button
Can’t record	Make sure SD memory is inserted
Can’t see camera Wi-Fi network on Wi-Fi devices	• Click the Wi-Fi button. It will flash (starting) and then stay in red (ready) • Make sure you devices Wi-Fi is on, try scan available Wi-Fi networks again • Try turn off the camera and turn on again, and click Wi-Fi button
Can’t Open SYMAGIX app	• Make sure Wi-Fi connection is established • Try restart the app as below or reboot both the camera and Wi-Fi devices **iOS devices**: Double click Home button and swipe SYMAGIX upward. Click home button once, open SYMAGIX again **Android devices**: open Task Manager and click “End All”. Click home button, open SYMAGIX again

Troubleshooting

I see camera Wi-Fi SSID but can't connect to it	• Make sure you input correct password (refer to wireless setup section of the manual) • The camera support only 1 device for privacy and security concern, so make sure no other device is connecting to it. Or simply turn off and on the camera Wi-Fi
Don't see "PCU" on camera when connected to PC	This could be caused by PC OS version on USB detection • Make sure your camera is "**ON**" before connecting to PC. (the camera will be in charge mode when it is connected to PC while it is OFF) • Connect the USB cable to camera first, then slowing connect to PC • If "PCU" is still not shown on camera, unplug USB cable from PC and repeat above steps with other USB port
The video/picture time stamp is not current	• Connect the camera with your Wi-Fi device will update the camera date time automatically

FAQs

Can I mount the camera on standard tripod?	Yes, the camera and its waterproof case both has a standard 1/4” tripod hole
Where can I find replacing or additional mounting accessories?	We offer wide range of mounting accessories on our website. www.woowcam.com
What the IR remote can do?	The IR remote (sell separately) can control the camera video/picture mode and start/stop the recording
Why the camera HDMI port too small for my HDMI cable?	The camera HDMI port is “mini HDMI”. You would need to have a adaptor or a mini-HDMI to HDMI cable
How can I edit my videos?	You can use any video editing software which supporting MP4 or H.264 format, such as MS Movie Maker and Apple iMove

Visit us at

www.woowcam.com

- For more FAQ and troubleshooting information
- For Warranty Statement Details
- For Product Support & Customer Services
- For More Mounting Gears & Accessories

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